

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/16057

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/18 G11B20/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	<p>WO 2004/034396 A (SAMSUNG ELECTRONICS CO LTD) 22 April 2004 (2004-04-22)</p> <p>page 2, line 28 - page 3, line 4 page 3, line 22 - page 4, line 17 page 10, line 11 - line 28 page 12, line 3 - line 10 page 12, line 23 - page 14, line 6 page 14, line 23 - line 29 page 17, line 1 - line 25 page 18, line 13 - line 20 page 21, line 27 - line 29 figures 4a-4d</p> <p style="text-align: center;">----- -/-</p>	<p>1-4, 6, 7, 10, 16-19, 21, 23-26, 28-31, 33, 35-38</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

21 July 2004

Date of mailing of the international search report

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Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ECMA: "ECMA 260 Data interchange on 356mm optical disk cartridges - WORM, using phase-change technology capacity: 14.8 and 25 Gbytes per cartridge"</p> <p>ECMA-INTERNATIONAL.ORG, 'Online! June 1997 (1997-06), pages 77-82, XP002289009</p> <p>Retrieved from the Internet: URL: http://www.ecma-international.org 'retrieved on 2004-07-13! the whole document</p>	1-39
A	<p>ECMA: "ECMA 238 Data interchange on 130mm optical disks of type WORM using irreversible effects - capacity 2,6 Gbytes per cartridge"</p> <p>ECMA-INTERNATIONAL.ORG, 'Online! June 1996 (1996-06), pages 54-61, XP002289010</p> <p>Retrieved from the Internet: URL: http://www.ecma-international.org 'retrieved on 2004-07-13! the whole document</p>	1-39
A	<p>US 2002/145966 A1 (MIYAMOTO HARUKAZU ET AL) 10 October 2002 (2002-10-10) figure 10</p>	1-39
P,A	<p>US 6 564 345 B1 (KANG KI-WON ET AL) 13 May 2003 (2003-05-13) figures 1,10 column 9, line 54 - column 10, line 4</p>	1-39

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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